MENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/522510 Filing Date: March 10, 2000

Title: SOFTWARE SET-VALUE PROFILING AND CODE REUSE

Assignee: Intel Corporation

IN THE DRAWINGS

The Office Action objected to the drawings asserting that a "predicate register" was not shown in the drawings. Applicant has submitted a proposed drawing amendment with this response. In the proposed drawing amendment, applicant proposes adding a block illustrating a predicate register(s) to Figure 8. In the proposed drawing amendment, this addition appears in red ink. Applicant has also submitted a new set of formal drawings, including the changes to Figure 8 noted above.



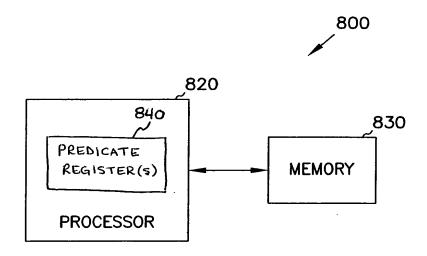


FIG. 8





200								
	208	r1 r2 r3	V11 V21 V31	V11 V22 V33	V12 V22 V32	V13 V23 V33	V14 V24 V33	V14 V25 V33
	206	r3	V31	V32	V33			
	204	r2	V21	V22	V23	V24	V25	
	202	r1	V11	۷12	٧13	V14	•	

102~ r1 r2 r3

r4=r1+r2

r5=r4+r3

106~

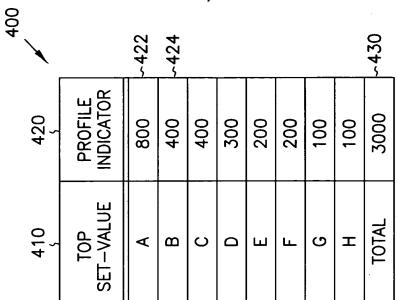
-1G. 2

r7=r1*r2



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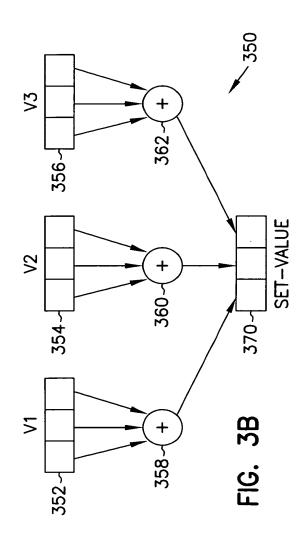


FIG. 4

300 306 23 SET-VALUE

304

302

FIG. 3A

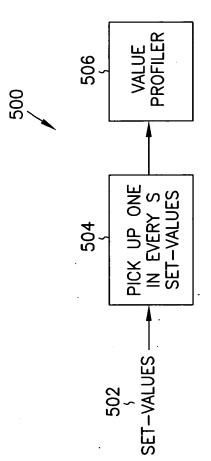


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 $522\sim$ pt,pf=compare.eq counter, 0 $524\sim$ cpf> counter=counter-1 $526\sim$ cpt> counter=S $528\sim$ cpt> value_profile(V₁)

FIG. 5B

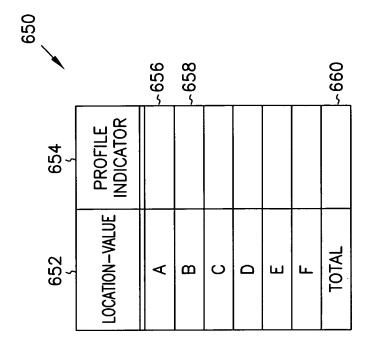




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610

VALUE

LOCATION

FIG. 6B

614

612

FIG. 6A

009

.604~FOR i=1 TO M

602~X=0

606~ x=x+a[i]

608~END FOR

FIG. 6C \sim 618 VALUE LOCATION-VALUE LOCATION 616~

FIG. 6D



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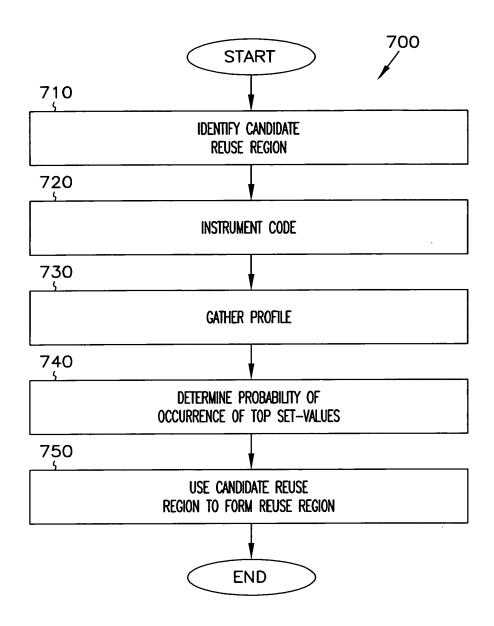


FIG. 7



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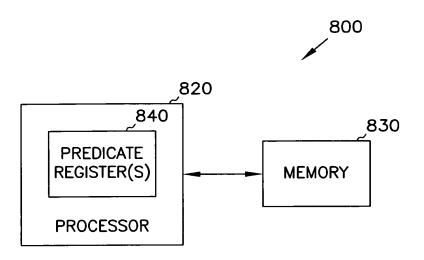


FIG. 8